Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021258.D
Acq On : 29 Jun 2019 12:49
Operator : HP/JU
Sample : K3593-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BC2

Manual Integrations APPROVED
mohammad
7/1/2019 2:42:32 PM

Quant Time: Jun 29 22:47:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	267421	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1164538	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	730115	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1660620	20.00	ng/ul	-0.01
77) Chrysene-d12	21.33	240	1203495	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1280679	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	25355	4.50	ng/uL	0.00
5) Phenol-d5	6.93	99	630646	27.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	365461	26.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	521708	27.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	558635	28.75	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	273364	28.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	318938	30.38	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.16	165	634149	29.71	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.70	131	207800	9.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	2049850	31.07	ng/ul	-0.01
46) Acenaphthylene-d8	14.09	160	2404384	29.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	272481	25.39	ng/ul	0.00
57) Fluorene-d10	15.39	176	1799392	31.36	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	249444	24.44	ng/ul	-0.01
70) Anthracene-d10	17.24	188	2725675	31.58	ng/ul	-0.01
78) Pyrene-d10	19.54	212	2627638	36.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2309426	30.56	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.95	94	38063	1.729	ng/ul	93
44) Dimethylphthalate	13.86	163	469388	7.816	ng/ul	98
69) Phenanthrene	17.19	178	502096	5.467	ng/ul	99
76) Fluoranthene	19.20	202	1538145	15.500	ng/ul	98
79) Pyrene	19.57	202	1228019	14.433	ng/ul	99
80) Butylbenzylphthalate	20.47	149	37034	1.176	ng/ul	97
82) Benzo(a)anthracene	21.32	228	608071	7.411	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	112433	2.507	ng/ul	98
84) Chrysene	21.37	228	717016	9.331	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	1094560	13.492	ng/ul	97
88) Benzo(k)fluoranthene	22.96	252	389159m	4.986	ng/ul	
90) Benzo(a)pyrene	23.51	252	633000	8.290	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	555478	6.178	ng/ul	96
92) Dibenzo(a,h)anthracene	25.90	278	135644	1.793	ng/ul#	82
93) Benzo(g,h,i)perylene	26.60	276	473402	6.393	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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